

SV
PCT09

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/831,047B

DATE: 10/23/2001
TIME: 10:07:33

Input Set : A:\sequence.txt
Output Set: N:\CRF3\10232001\I831047B.raw

4 <110> APPLICANT: The Wistar Institute of Anatomy and Biology
5 The Trustees of the University of Pennsylvania
6 Blaszczyk-Thurin, Magdalena
7 Kieber-Emmons, Thomas
9 <120> TITLE OF INVENTION: Compositions and Methods For Treatment of Cancer
11 <130> FILE REFERENCE: WST93AUSA
C--> 13 <140> CURRENT APPLICATION NUMBER: US/09/831,047B
C--> 14 <141> CURRENT FILING DATE: 2001-08-14
16 <150> PRIOR APPLICATION NUMBER: 60/107,478
17 <151> PRIOR FILING DATE: 1998-11-06
19 <160> NUMBER OF SEQ ID NOS: 121
21 <170> SOFTWARE: PatentIn Ver. 2.0
23 <210> SEQ ID NO: 1
24 <211> LENGTH: 12
25 <212> TYPE: PRT
26 <213> ORGANISM: Artificial Sequence
28 <220> FEATURE:
29 <223> OTHER INFORMATION: Description of Artificial Sequence:
30 peptido-mimetic of a Lewis antigen
32 <400> SEQUENCE: 1
33 Asp Leu Trp Asp Trp Val Val Gly Lys Pro Ala Gly
34 1 5 10
37 <210> SEQ ID NO: 2
38 <211> LENGTH: 12
39 <212> TYPE: PRT
40 <213> ORGANISM: Artificial Sequence
42 <220> FEATURE:
43 <223> OTHER INFORMATION: Description of Artificial Sequence:
44 peptido-mimetic of a Lewis antigen
46 <400> SEQUENCE: 2
47 Asp Ala Trp Asp Trp Val Val Gly Lys Pro Ala Gly
48 1 5 10
51 <210> SEQ ID NO: 3
52 <211> LENGTH: 12
53 <212> TYPE: PRT
54 <213> ORGANISM: Artificial Sequence
56 <220> FEATURE:
57 <223> OTHER INFORMATION: Description of Artificial Sequence:
58 peptido-mimetic of a Lewis antigen
60 <400> SEQUENCE: 3
61 Asp Asp Trp Asp Trp Val Val Gly Lys Pro Ala Gly
62 1 5 10
65 <210> SEQ ID NO: 4
66 <211> LENGTH: 12
67 <212> TYPE: PRT
68 <213> ORGANISM: Artificial Sequence
70 <220> FEATURE:

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71 <223> OTHER INFORMATION: Description of Artificial Sequence:
72 peptido-mimetic of a Lewis antigen ✓
74 <400> SEQUENCE: 4
75 Asp Tyr Trp Asp Trp Val Val Gly Lys Pro Ala Gly
76 1 5 10
79 <210> SEQ ID NO: 5
80 <211> LENGTH: 12
81 <212> TYPE: PRT
82 <213> ORGANISM: Artificial Sequence ✓
84 <220> FEATURE:
85 <223> OTHER INFORMATION: Description of Artificial Sequence:
86 peptido-mimetic of a Lewis antigen ✓
88 <400> SEQUENCE: 5
89 Asp Glu Trp Asp Trp Val Val Gly Lys Pro Ala Gly
90 1 5 10
93 <210> SEQ ID NO: 6
94 <211> LENGTH: 12
95 <212> TYPE: PRT
96 <213> ORGANISM: Artificial Sequence
98 <220> FEATURE:
99 <223> OTHER INFORMATION: Description of Artificial Sequence:
100 peptido-mimetic of a Lewis antigen ✓
102 <400> SEQUENCE: 6
103 Asp Lys Trp Asp Trp Val Val Gly Lys Pro Ala Gly
104 1 5 10
107 <210> SEQ ID NO: 7
108 <211> LENGTH: 12
109 <212> TYPE: PRT
110 <213> ORGANISM: Artificial Sequence ✓
112 <220> FEATURE:
113 <223> OTHER INFORMATION: Description of Artificial Sequence:
114 peptido-mimetic of a Lewis antigen ✓
116 <400> SEQUENCE: 7
117 Asp Arg Trp Asp Trp Val Val Gly Lys Pro Ala Gly
118 1 5 10
121 <210> SEQ ID NO: 8
122 <211> LENGTH: 12
123 <212> TYPE: PRT
124 <213> ORGANISM: Artificial Sequence ✓
126 <220> FEATURE:
127 <223> OTHER INFORMATION: Description of Artificial Sequence:
128 peptido-mimetic of a Lewis antigen ✓
130 <400> SEQUENCE: 8
131 Asp Ser Trp Asp Trp Val Val Gly Lys Pro Ala Gly
132 1 5 10
135 <210> SEQ ID NO: 9
136 <211> LENGTH: 12
137 <212> TYPE: PRT
138 <213> ORGANISM: Artificial Sequence

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140 <220> FEATURE:
141 <223> OTHER INFORMATION: Description of Artificial Sequence:
142 peptido-mimetic of a Lewis antigen ✓
144 <400> SEQUENCE: 9
145 Asp Leu His Asp Trp Val Val Gly Lys Pro Ala Gly
146 1 5 10
149 <210> SEQ ID NO: 10
150 <211> LENGTH: 12
151 <212> TYPE: PRT
152 <213> ORGANISM: Artificial Sequence ✓
154 <220> FEATURE:
155 <223> OTHER INFORMATION: Description of Artificial Sequence:
156 peptido-mimetic of a Lewis antigen ✓
158 <400> SEQUENCE: 10
159 Asp Leu Tyr Asp Trp Val Val Gly Lys Pro Ala Gly
160 1 5 10
163 <210> SEQ ID NO: 11
164 <211> LENGTH: 12
165 <212> TYPE: PRT
166 <213> ORGANISM: Artificial Sequence ✓
168 <220> FEATURE:
169 <223> OTHER INFORMATION: Description of Artificial Sequence:
170 peptido-mimetic of a Lewis antigen ✓
172 <400> SEQUENCE: 11
173 Asp Leu Phe Asp Trp Val Val Gly Lys Pro Ala Gly
174 1 5 10
177 <210> SEQ ID NO: 12
178 <211> LENGTH: 12
179 <212> TYPE: PRT
180 <213> ORGANISM: Artificial Sequence ✓
182 <220> FEATURE:
183 <223> OTHER INFORMATION: Description of Artificial Sequence:
184 peptido-mimetic of a Lewis antigen ✓
186 <400> SEQUENCE: 12
187 Asp Leu Met Asp Trp Val Val Gly Lys Pro Ala Gly
188 1 5 10
191 <210> SEQ ID NO: 13
192 <211> LENGTH: 12
193 <212> TYPE: PRT
194 <213> ORGANISM: Artificial Sequence ✓
196 <220> FEATURE:
197 <223> OTHER INFORMATION: Description of Artificial Sequence:
198 peptido-mimetic of a Lewis antigen ✓
200 <400> SEQUENCE: 13
201 Asp Leu Ala Asp Trp Val Val Gly Lys Pro Ala Gly
202 1 5 10
205 <210> SEQ ID NO: 14
206 <211> LENGTH: 12
207 <212> TYPE: PRT

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Input Set : A:\sequence.txt

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208 <213> ORGANISM: Artificial Sequence ✓
210 <220> FEATURE:
211 <223> OTHER INFORMATION: Description of Artificial Sequence:
212 peptido-mimetic of a Lewis antigen ✓
214 <400> SEQUENCE: 14
215 Asp Leu Glu Asp Trp Val Val Gly Lys Pro Ala Gly
216 1 5 10
219 <210> SEQ ID NO: 15
220 <211> LENGTH: 12
221 <212> TYPE: PRT ✓
222 <213> ORGANISM: Artificial Sequence
224 <220> FEATURE:
225 <223> OTHER INFORMATION: Description of Artificial Sequence:
226 peptido-mimetic of a Lewis antigen ✓
228 <400> SEQUENCE: 15
229 Asp Leu Asp Asp Trp Val Val Gly Lys Pro Ala Gly
230 1 5 10
233 <210> SEQ ID NO: 16
234 <211> LENGTH: 12
235 <212> TYPE: PRT ✓
236 <213> ORGANISM: Artificial Sequence
238 <220> FEATURE:
239 <223> OTHER INFORMATION: Description of Artificial Sequence:
240 peptido-mimetic of a Lewis antigen ✓
242 <400> SEQUENCE: 16
243 Asp Leu Lys Asp Trp Val Val Gly Lys Pro Ala Gly
244 1 5 10
247 <210> SEQ ID NO: 17
248 <211> LENGTH: 12
249 <212> TYPE: PRT ✓
250 <213> ORGANISM: Artificial Sequence ✓
252 <220> FEATURE:
253 <223> OTHER INFORMATION: Description of Artificial Sequence:
254 peptido-mimetic of a Lewis antigen ✓
256 <400> SEQUENCE: 17
257 Asp Leu Arg Asp Trp Val Val Gly Lys Pro Ala Gly
258 1 5 10
261 <210> SEQ ID NO: 18
262 <211> LENGTH: 12
263 <212> TYPE: PRT ✓
264 <213> ORGANISM: Artificial Sequence ✓
266 <220> FEATURE:
267 <223> OTHER INFORMATION: Description of Artificial Sequence:
268 peptido-mimetic of a Lewis antigen ✓
270 <400> SEQUENCE: 18
271 Asp Leu Ser Asp Trp Val Val Gly Lys Pro Ala Gly
272 1 5 10
275 <210> SEQ ID NO: 19
276 <211> LENGTH: 12

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Input Set : A:\sequence.txt

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277 <212> TYPE: PRT
278 <213> ORGANISM: Artificial Sequence ✓
280 <220> FEATURE:
281 <223> OTHER INFORMATION: Description of Artificial Sequence:
282 peptido-mimetic of a Lewis antigen ✓
284 <400> SEQUENCE: 19
285 Asp Leu Trp Glu Trp Val Val Gly Lys Pro Ala Gly
286 1 5 10
289 <210> SEQ ID NO: 20
290 <211> LENGTH: 12
291 <212> TYPE: PRT
292 <213> ORGANISM: Artificial Sequence ✓
294 <220> FEATURE:
295 <223> OTHER INFORMATION: Description of Artificial Sequence:
296 peptido-mimetic of a Lewis antigen ✓
298 <400> SEQUENCE: 20
299 Asp Leu Trp Ser Trp Val Val Gly Lys Pro Ala Gly
300 1 5 10
303 <210> SEQ ID NO: 21
304 <211> LENGTH: 12
305 <212> TYPE: PRT
306 <213> ORGANISM: Artificial Sequence ✓
308 <220> FEATURE:
309 <223> OTHER INFORMATION: Description of Artificial Sequence:
310 peptido-mimetic of a Lewis antigen ✓
312 <400> SEQUENCE: 21
313 Asp Leu Trp Pro Trp Val Val Gly Lys Pro Ala Gly
314 1 5 10
317 <210> SEQ ID NO: 22
318 <211> LENGTH: 12
319 <212> TYPE: PRT
320 <213> ORGANISM: Artificial Sequence ✓
322 <220> FEATURE:
323 <223> OTHER INFORMATION: Description of Artificial Sequence:
324 peptido-mimetic of a Lewis antigen ✓
326 <400> SEQUENCE: 22
327 Asp Leu Trp Val Trp Val Val Gly Lys Pro Ala Gly
328 1 5 10
331 <210> SEQ ID NO: 23
332 <211> LENGTH: 12
333 <212> TYPE: PRT
334 <213> ORGANISM: Artificial Sequence ✓
336 <220> FEATURE:
337 <223> OTHER INFORMATION: Description of Artificial Sequence:
338 peptido-mimetic of a Lewis antigen ✓
340 <400> SEQUENCE: 23
341 Asp Leu Trp Met Trp Val Val Gly Lys Pro Ala Gly
342 1 5 10
345 <210> SEQ ID NO: 24

Use of n and / or Xaa has been detected in the
Sequence Listing. Review the Sequence Listing
to ensure a corresponding explanation is present
in the <220> to <223> fields of each sequence
using n or Xaa.

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/831,047B

DATE: 10/23/2001

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Input Set : A:\sequence.txt

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L:13 M:270 C: Current Application Number differs, Replaced Application Number
L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:1419 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:100
L:1419 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:100
L:1419 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:100
L:1573 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:111
L:1573 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:111
L:1573 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:111
L:1587 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:112
L:1587 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:112
L:1587 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:112